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Abstract

1.   Method for monitoring traffic state.

2.1. The invention relates to a method for monitoring
the traffic state in a traffic network with effective
bottlenecks, in the case of which the traffic state is
classified, taking account of recorded traffic measured
data for one or more traffic parameters which comprise
at least information on the traffic intensity and/or
the average vehicle speed, into in each case one of a
plurality of state phases which comprise at least the
state phases of free traffic and synchronized traffic.

2.2. According to the invention, in the case of the
occurrence   of   an   edge,   fixed   at   an   effective
bottleneck,   between   downstream   free   traffic   and
upstream   synchronized   traffic,   the   traffic   state
upstream   thereof   is   classified   as   a   pattern,
representative of the respective bottleneck, of dense
traffic which includes one or more different regions
which are consecutive upstream, of different state
phase composition, and an associated profile of the
traffic parameters taken into account for the state
phase determination.

2.3. Use, for example, for the purpose of monitoring
traffic state, including traffic state prediction in a
road traffic network.